

AMENDMENTS TO THE ABSTRACT

Please amend the Abstract as follows:

~~The present invention provides a~~ A rotary table system ~~capable of satisfactorily meeting all the demands for achieving~~ having high axial and radial run-out accuracy, high resolution, and thin and medium- or large-sized system. The rotary table system includes a guide apparatus and a rotary table mounted on the guide apparatus. The guide apparatus includes a ring-shaped integrated rail [[11]] having no discontinuity in the travel direction thereof, and a plurality of guide blocks ~~12 that are~~ assembled to the rail [[11]] from the direction of their surfaces opposing the rail [[11]]. The surface of the rail [[11]] opposite to the surface thereof opposing the guide blocks [[12]] and the underside of the rotary table [[14]] are joined together. The rail [[11]] has an L-shaped cross-sectional configuration formed from a vertical portion and a horizontal portion extending from the upper end of the vertical portion in the radial direction of the rotary table. A tape scale that is ~~to be~~ detected by a detecting mechanism [[16]] is provided on the outer peripheral surface of the rail [[11]].